PATENT TH1961

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/841,296 Confirmation No.: 3881 Filing Date: April 24, 2001 Inventors: Wellington et al. Title: IN STIU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE A MIXTURE CONTAINING OLEFINS, OXYGENATED HYDROCARBONS, AND/OR AROMATIC HYDROCARBONS

Examiner: W. D. Griffin Art Unit: 1764 Atty. Dkt. No.: 5659-03600/EBM § CERTIFICATE OF MAILING § UNDER 37 C.F.R. §1.8 § DATE OF DEPOSIT: § I hereby certify that this correspondence is being deposited with ş the United States Postal Service with sufficient postage as first class mail on the date indicated above and is addressed to: § § Commissioner for Patents P.O. Box 1450 Ş \$ §

AMENDMENT; RESPONSE TO OFFICE ACTION MAILED JUNE 13, 2003

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Mail Stop Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Office action of June 13, 2003, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 3 of this paper.

Remarks/Arguments begin on page 8 of this paper.

An Appendix including amended drawing figures is attached following page 12 of this paper.